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No. 21

LAND-GRANT COLLEGES AND UNIVERSITIES

YEAR ENDED JUNE 30

1931



By

WALTER J. GREENLEAF

Specialist in Higher Education

ED STATES DEPARTMENT OF THE INTERIOR - - *Ray Lyman Wilbur, Secretary*
ED STATES DEPARTMENT OF EDUCATION - - - - - *William John Cooper, Commissioner*

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LETTER OF TRANSMITTAL

DEPARTMENT OF THE INTERIOR,
OFFICE OF EDUCATION,
Washington, D. C., October, 1938.

SIR: The first Morrill Act signed by President Lincoln on July 2, 1862, provided for the establishment in each State of a college of agriculture and the mechanic arts. By this act each State received an amount of public land (or land scrip) equal to 30,000 acres for each Senator and Representative in Congress to which it was then entitled. The proceeds from the sale of the land constitute a permanent fund or endowment. The second Morrill Act of 1890 and the Nelson amendment of 1907 provide for annual appropriations which now amount to \$50,000 for each State and Territory for the benefit of these institutions, now commonly known as land-grant colleges.

In 22 States the State university is designated as the land-grant institution; 20 States provide a separate land-grant college in addition to a State university; 3 Territories—Alaska, Hawaii, and Puerto Rico—maintain land-grant institutions; 6 States do not provide State universities, and of these Connecticut, Massachusetts, Pennsylvania, and Rhode Island support State colleges which are designated as land-grant colleges, and Massachusetts, New Jersey, and New York have designated departments of privately controlled institutions as land-grant colleges. Massachusetts has 2 land-grant institutions—1 for agriculture at Amherst, and 1 for engineering at Cambridge.

These institutions are required by law to report on the use of the 1862 funds and of the Morrill-Nelson appropriations annually to the Secretary of the Interior and to the Secretary of Agriculture.

Dr. Walter J. Greenleaf, specialist in higher education, has summarized these reports for 1930-31 and has interpreted the returns for use of those interested in the land-grant institutions, and I recommend that the 1930-31 manuscript be published as a bulletin of the United States Office of Education.

Respectfully submitted.

Wm. JOHN COOPER,
Commissioner.

The SECRETARY OF THE INTERIOR

DIRECTORY, 1932
LAND-GRANT COLLEGES AND UNIVERSITIES ATTENDED BY WHITE STUDENTS

LOCATION AND NAME OF PRESIDENT

Alabama—ALABAMA POLYTECHNIC INSTITUTE, Auburn—Bradford Knapp.¹
Alaska—ALASKA AGRICULTURAL COLLEGE AND SCHOOL OF MINES, Fairbanks—Charles E. Bunnell.
Arizona—UNIVERSITY OF ARIZONA, Tucson—Homer L. Shantz.
Arkansas—UNIVERSITY OF ARKANSAS, Fayetteville—John C. Futrell.
California—UNIVERSITY OF CALIFORNIA, Berkeley—Robert G. Sproul.
Colorado—COLORADO AGRICULTURAL COLLEGE, Fort Collins—Charles A. Lory.
Connecticut—CONNECTICUT AGRICULTURAL COLLEGE, Storrs—Charles C. McCracken.
Delaware—UNIVERSITY OF DELAWARE, Newark—Walter Hullibeen.
Florida—UNIVERSITY OF FLORIDA, Gainesville—John J. Tigert.
Georgia—GEORGIA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Athens—Andrew M. Soule.
Hawaii—UNIVERSITY OF HAWAII, Honolulu—David L. Crawford.
Idaho—UNIVERSITY OF IDAHO, Moscow—Mervin G. Neale.
Illinois—UNIVERSITY OF ILLINOIS, Urbana—Harry W. Chase.
Indiana—PURDUE UNIVERSITY, Lafayette—Edward C. Elliott.
Iowa—IOWA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Ames—Raymond M. Hughes.
Kansas—KANSAS STATE COLLEGE OF AGRICULTURE AND APPLIED SCIENCE, Manhattan—Francis D. Farrell.
Kentucky—UNIVERSITY OF KENTUCKY, Lexington—Frank L. McVey.
Louisiana—LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, Baton Rouge—James M. Smith.
Maine—UNIVERSITY OF MAINE, Orono—Harold S. Boardman.
Maryland—UNIVERSITY OF MARYLAND, College Park—Raymond A. Pearson.

Massachusetts:
MASSACHUSETTS STATE COLLEGE, Amherst—Roscoe W. Thatcher.
MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge—Karl T. Compton.
Michigan—MICHIGAN STATE COLLEGE OF AGRICULTURE AND APPLIED SCIENCE, East Lansing—Robert S. Shaw.
Minnesota—UNIVERSITY OF MINNESOTA, Minneapolis—Lotus D. Coffman.
Mississippi—MISSISSIPPI AGRICULTURAL AND MECHANICAL COLLEGE, Agricultural College—Hugh Critz.
Missouri—UNIVERSITY OF MISSOURI, Columbia—Walter Williams.
Montana—MONTANA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Bozeman—Alfred Atkinson.
Nebraska—UNIVERSITY OF NEBRASKA, Lincoln—Edgar A. Burnett.
Nevada—UNIVERSITY OF NEVADA, Reno—Walter E. Clark.
New Hampshire—UNIVERSITY OF NEW HAMPSHIRE, Durham—Edward M. Lewis.
New Jersey—RUTGERS UNIVERSITY, New Brunswick—Robert C. Clothier.

New Mexico—NEW MEXICO COLLEGE OF AGRICULTURE AND MECHANIC ARTS, State College—Harry L. Kent.
New York—CORNELL UNIVERSITY, Ithaca—Livingston Farrand.
North Carolina—NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING, West Raleigh—Eugene C. Brooks.
North Dakota—NORTH DAKOTA AGRICULTURAL COLLEGE, Agricultural College—John H. Shepperd.
Ohio—OHIO STATE UNIVERSITY, Columbus—George W. Rightmire.
Oklahoma—OKLAHOMA AGRICULTURAL AND MECHANICAL COLLEGE, Stillwater—Henry G. Bennett.
Oregon—OREGON STATE AGRICULTURAL COLLEGE, Corvallis—William J. Kerr.
Pennsylvania—PENNSYLVANIA STATE COLLEGE, State College—Ralph D. Hetzel.
Puerto Rico—UNIVERSITY OF PUERTO RICO, Rio Piedras—Carlos E. Chardon.
Rhode Island—RHODE ISLAND STATE COLLEGE, Kingston—Raymond G. Brewster.

South Carolina—CLEMSON AGRICULTURAL COLLEGE, Clemson College—Enoch W. Sikes.
South Dakota—SOUTH DAKOTA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Brookings—Charles W. Pugley.
Tennessee—UNIVERSITY OF TENNESSEE, Knoxville—Harcourt A. Morgan.
Texas—AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS, College Station—Thomas O. Walton.
Utah—UTAH STATE AGRICULTURAL COLLEGE, Logan—Elmer G. Peterson.
Vermont—UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE, Burlington—Guy W. Bailey.
Virginia—VIROGINIA AGRICULTURAL AND MECHANICAL COLLEGE AND POLYTECHNIC INSTITUTE, Blacksburg—Julian A. Burress.
Washington—STATE COLLEGE OF WASHINGTON, Pullman—Ernest O. Holland.
West Virginia—WEST VIRGINIA UNIVERSITY, Morgantown—John R. Turner.
Wisconsin—UNIVERSITY OF WISCONSIN, Madison—Glenn Frank.
Wyoming—UNIVERSITY OF WYOMING, Laramie—Arthur G. Crane.

¹ Resigned, 1932.

¹ State University as well as land-grant college.

LAND-GRANT COLLEGES AND UNIVERSITIES

YEAR ENDED JUNE 30, 1931

By WALTER J. GREENLEAF
Specialist in Higher Education

Of the 69 land-grant colleges and universities which are in operation, 52 are attended primarily or exclusively by white students (detailed in Tables 2 to 10, inclusive) and 17 are attended exclusively by Negroes (detailed in Tables 11 and 12). A summary for all 69 land-grant institutions is given in Table 1.

ENROLLMENTS.—In 1930-31, 180,515 men and 128,877 women of college grade were enrolled as detailed in Table 4. As in earlier years, the greatest number of students elected arts and sciences or liberal arts courses—31.1 per cent. Engineering of all types accounted for 20.9 per cent, with 4.9 per cent of students electing electrical engineering and 4.6 per cent mechanical engineering. Slightly more than a third of the students is enrolled in courses characterized as "agriculture and the mechanic arts"; another third is in liberal arts; and the remainder in various professional fields including education 10.1 per cent, and business 9 per cent. That these percentages are fairly constant from year to year is indicated in Table 7 where percentages have been figured independently for each of six years.

Instruction is also offered to many students not of college grade. In the practice schools owned by the land-grant institutions, 3,224 boys and girls were enrolled. Students in secondary schools in 13 institutions numbered 3,117 boys and girls. In courses of less than 10 days, 54,549 men and 19,204 women were enrolled. Short courses of 10 days to 1-year duration enrolled 7,763 men and 2,256 women. Students in noncredit-extension classes and courses numbered 273,805 men and 36,004 women. Correspondence courses not taken for college credit enrolled 17,541 men and 3,510 women.

DEGREES awarded in 1930-31 are shown in some detail in Table 6, Parts I and II. A total of 27,529 first degrees were awarded. First degrees include bachelor degrees of all kinds, first professional degrees such as LL. B., M. D., and all other degrees which do not require graduate courses for completion. Master's degrees totaled 3,793; earned doctor's degrees, such as Ph. D., S. D., etc., 670; advanced engineering degrees, 232; and honorary degrees, 91. There has been a tendency during the past six years for the percentage of first degrees to decline in agriculture and engineering, and to increase in education and fine arts.

In 1930-31 in the land-grant colleges alone the Federal Government spent nearly \$4,000,000 on military education. Pay and allowances (directly through the War Department) of Regular Army personnel on duty with the various units amounted to \$2,328,260 for the fiscal year. The maintenance cost which includes equipment commutation in lieu of uniforms, ammunition, care and safekeeping of arms, ammunition and equipment, etc., totaled \$1,600,131 in the 51 land-grant institutions (Alaska does not benefit). The total number of students reported in military education and drill was 55,053. The number of students appointed in the Officers Reserve Corps (O. R. C.) was 2,863; that is, commissions were offered to 2,863, most of whom accepted, and in addition a few students who were too young to accept commissions were given certifications for appointment from The Adjutant General which will automatically entitle them to be regarded as eligible for appointment in the O. R. C. upon becoming 21 years of age.

INVENTORY.—More than a third of a billion dollars is the appraisal value of the 52 land-grant institutions.

Buildings:

	Amount	Per cent
Residence halls.....	\$29,403,962	
Stadium or grandstands.....	10,128,405	
All other buildings.....	188,808,609	
	\$228,340,976	58.4
Apparatus, machinery, and furniture.....	61,477,593	15.7
Campus and farms.....	60,471,354	15.5
Value of library books.....	20,523,046	5.3
Service lines, water, sewerage, steam, etc.....	10,284,503	2.6
Museum collections.....	2,798,135	.7
Livestock.....	2,561,399	.7
Miscellaneous property.....	4,437,581	1.1
Total property.....	390,894,587	100.0

Inventories of eight universities—California, Minnesota, Illinois, Ohio State, Wisconsin, Cornell, Massachusetts Institute of Technology, and Rutgers University—make up half the total. Of these eight, however, the latter three institutions are not State institutions, but are privately controlled, although each receives Federal appropriations. Cornell and Rutgers also receive State appropriations. Only one institution is appraised at less than a million dollars—Alaska Agricultural and Mechanical College and School of Mines—a comparatively new land-grant college; 15 institutions are valued between one and three millions; 14 between three and five millions; 11 between five and ten millions; and 11 at more than ten millions. Of the money invested in stadia or grandstands, one-half is reported by the following—Illinois more than \$2,000,000, Ohio State nearly \$2,000,000, and California more than \$1,000,000. Of the money for library books, one-half is accounted for in seven universities—Cal-

fornia, Minnesota, Illinois, Cornell, Ohio State, Missouri, and Wisconsin.

FINANCIAL REPORTING.—Financial data as reported by colleges and universities in the past have been invalid for comparative purposes. Until very recently budget systems were not common in the colleges, and inadequate accounting was employed. With many different and individual systems of keeping college records, few standards have been developed. Where one college includes under student fees all moneys paid by students to the college treasurer including board and room, another college reports only fees for instruction.

Until 1925 it was not possible to obtain adequate figures on college expenditures. In that year however the Office of Education attempted to gather expenditure statistics from the land-grant colleges and these data were published in Bulletin 1925, No. 44. Similar improved data have been published annually since that time.

In 1930 the national committee on standard reports for institutions of higher education was organized to "formulate principles to be followed in the preparation of financial and statistical reports of universities and colleges." In cooperation with the United States Office of Education and the General Education Board the committee began an intensive study of current practices as indicated in the financial reports of 363 colleges and universities. A wide variation was found in the presentation of the same facts. In the committee's published report (1930) "A study of financial reports of colleges and universities in the United States" these variations were discussed. In July, 1931, the committee published "Suggested forms for Financial Reports of Colleges and Universities," copies of which may be obtained through Lloyd Morey, comptroller, University of Illinois, Urbana, Ill. In January, 1932, illustrations of the use of financial report forms recommended were published by the committee.

ENDOWMENT, STUDENT LOANS, AND DEBT SERVICE.—Total endowment funds as of June 30, 1931, amounted to \$124,521,151 of which 3.3 per cent were net additions during the year. These funds are indicated in Table 9. Institutions with the largest endowments are Massachusetts Institute of Technology, \$33,000,000; Cornell, \$24,000,000; University of California, \$16,000,000; University of Minnesota, \$10,000,000; Rutgers University, \$5,000,000; University of Washington, \$3,000,000; and 10 others varying from \$1,000,000 to \$3,000,000. In 36 institutions endowments have not yet reached a million dollars.

Student loan funds now amount to more than \$2,500,000, an increase of \$330,933 during the year. Sixteen institutions have no student loan funds, but more than \$100,000 is available in each of the following: California, Illinois, Minnesota, Missouri, New Hampshire, Pennsylvania, Tennessee, and Vermont.

Debt service in the land-grant colleges is summarized as follows:

23 institutions—clear of debt.	
33 institutions—loans unpaid July 1.....	\$5,137,499
24 institutions—borrowings made during year.....	3,625,702
32 institutions—repayments made during year.....	2,230,930
29 institutions—balance of borrowings unpaid June 30, 1931.....	6,532,271

RECEIPTS.—*For educational purposes* (excluding auxiliary enterprises) nearly \$137,000,000 was received; these moneys are detailed in Table 10 for each institution and are summarized as follows:

	Amount	Per cent
Federal funds.....	\$17,276,411	12.5
State funds.....	77,879,851	56.2
County funds.....	4,203,341	3.0
Private gifts.....	4,613,972	3.3
Students tuitions and fees (instructional).....	18,511,145	13.4
Income from endowments.....	3,636,336	2.6
Sales and services.....	8,906,177	6.4
Other sources for educational purposes.....	3,621,244	2.6
Total:		
Current expenses \$125,361,087 (90.4 per cent)...	138,648,477	100.0
Capital outlays \$13,287,390 (9.6 per cent)....		

For auxiliary enterprises.—Most colleges operate certain business enterprises for the benefit of students or faculty or both which are not related to instruction as such. Student bookstores, student unions, dormitories, dining halls, infirmaries, and similar commercial projects furnish income which is usually applied to operation of the project with perhaps a little for educational purposes. Following the recommendation of the national committee on standard reports for institutions of higher education, the operations of these enterprises appear separately from educational activities. Six items are summarized and "other services" include such enterprises as garage, mimeograph bureau, stock room, forestry care, aquarium, tenant properties, department transfers, university press, dairy manufacturing laboratory, university laundry, serum plant, supply department, hotel, theater, and other projects managed by individual institutions for convenience or profit.

For auxiliary enterprises: From—	Amount
Resident halls.....	\$4,024,493
Dining halls.....	4,102,670
Student infirmaries.....	622,694
Bookstores.....	872,367
Athletics.....	3,773,458
Student unions.....	932,599
Other services.....	8,399,674

Total:	
For current expenses \$20,756,612.....	22,717,955
For capital outlays \$1,961,843.....	

Total receipts.—What sources of revenue are most important to each institution are shown in percentages in Table 10. For instance Federal funds represent 56.1 per cent of the receipts of Alaska Agricultural College, while in Massachusetts Institute of Technology (privately controlled) Federal funds are only six-tenths of 1 per cent, and no funds are received from State or other public sources. Three-fourths of the income of the University of Illinois is derived from State sources, and the University of Puerto Rico receives 78 per cent of its income from Puerto Rico. In four institutions, student tuition and other fees represent more than a fifth of the income—Massachusetts Institute of Technology, 33.2 per cent; University of Vermont, 26.4 per cent; University of Maryland, 23 per cent; and Rutgers University, 22 per cent.

Total receipts for all purposes amounted to \$161,366,432 in 1930-31. Of this total 77.7 per cent was received for current expenses and 8.2 per cent for capital outlays for educational purposes; 12.9 per cent (current expenses) and 1.2 per cent (capital outlay) was received for auxiliary enterprises.

Expenditures are likewise divided into two parts—those for educational purposes and those for auxiliary enterprises with amounts for current expenses and capital outlays shown. (Table 10.) For all purposes a total of \$162,264,414 was expended in 1930-31.

Table 1.—COMPARATIVE SUMMARY of 69 land-grant colleges, year ended June 30, 1931

Staff, students, and finances	52 land-grant colleges attended by white students	17 Negro land-grant colleges	Total 69 land-grant colleges
1.	2	3	4
I. STAFF			
Professors, instructors, extension workers, and experiment station staff.....	26,252	834	27,086
II. STUDENTS			
Of college grade: Total.....	309,392	5,497	314,889
Resident undergraduates.....	164,049	5,497	169,546
Graduate students.....	15,683	—	15,883
Summer session, 1930.....	65,860	—	65,860
Nonresidents.....	82,154	—	82,154
Military education and drill.....	55,033	—	55,033
Not of college grade:			
Nonresident students.....	330,880	2,583	333,443
In practice schools.....	4,324	2,082	5,306
Secondary students:			
Term time.....	3,117	2,877	5,994
Summer, 1930.....	1,314	8,158	9,472
In courses of less than 10 days.....	73,753	—	73,753
In short courses.....	10,019	—	10,019
III. DEGREES			
First degrees.....	27,529	529	28,058
Master's.....	8,793	—	8,793
Doctor's.....	670	—	670
Advanced engineering.....	232	—	232
Honorary.....	91	—	91

Table 1.—COMPARATIVE SUMMARY of 69 land-grant colleges, year ended June 30, 1931—Continued

Staff, students, and finances	52 land-grant colleges attended by white students	17 Negro land-grant colleges	Total 69 land-grant colleges
1	2	3	4
IV. LIBRARIES			
Number of bound volumes.....	9,383,218	130,020	9,513,238
V. PROPERTY			
Value of:			
Library books.....	\$20,523,046	\$234,785	\$20,757,831
Apparatus, machinery and furniture.....	61,477,503	1,603,472	62,981,965
Live stock.....	2,561,399	71,091	2,632,460
Campus and grounds.....	60,471,854	1,412,862	61,584,216
Buildings (excluding dormitories).....	198,937,014	6,197,939	205,134,953
Dormitories.....	29,403,962	8,576,170	32,980,132
Miscellaneous property.....	17,520,219	812,427	18,332,646
Total value of property.....	390,894,587	13,808,746	404,703,333
VI. ENDOWMENTS			
Federal.....	82,436,620	509,377	82,945,897
State.....	2,114,110	844	2,114,954
Others.....	89,970,621	-----	89,970,521
Total.....	124,521,151	510,221	125,031,372
VII. MEDIAN SALARIES			
Presidents: Cash and perquisites.....	11,500	-----	-----
Deans (9-month basis).....	5,036	-----	-----
Professors (9-month basis).....	4,513	-----	-----
Associate professors (9-month basis).....	3,362	-----	-----
Assistant professors (9-month basis).....	2,837	-----	-----
Instructors (9-month basis).....	2,066	-----	-----
VIII. 1932 LAND-GRANT FUNDS			
Amount of funds (cash).....	-----	-----	22,149,857
Value of unsold lands.....	-----	-----	6,526,512
Income on invested funds.....	1,013,846	24,854	1,038,400
Income from rentals.....	72,236	-----	72,236
Interest on deferred payments.....	17,735	-----	17,735
IX. OTHER FEDERAL LAND GRANTS			
Amount of funds (cash).....	-----	-----	10,839,883
Value of unsold lands.....	-----	-----	5,961,545
Income for 1930-31.....	480,907	5,777	486,684
X. MORRILL-NELSON FUNDS			
Appropriation, year ended June 30, 1931.....	2,300,122	249,878	2,550,000
Interest.....	1,979	345	2,324
XI. INCOME AND RECEIPTS			
Federal funds.....	17,276,411	236,819	17,513,220
State funds.....	77,879,861	2,107,007	79,986,858
Private gifts.....	4,613,972	192,941	4,806,913
Student fees.....	18,511,145	264,626	18,775,771
Auxiliary enterprises.....	22,717,956	944,199	23,662,154
Miscellaneous.....	20,367,098	172,340	20,538,438
Total receipts.....	161,366,432	4,017,932	165,384,304
XII. EXPENDITURES			
Current expense:			
Education and general.....	117,635,036	2,200,444	119,904,480
Auxiliary enterprises.....	23,004,861	777,485	23,782,346
Capital outlays:			
Education and general.....	19,257,832	958,688	20,216,020
Auxiliary enterprises.....	2,367,185	137,601	2,404,788
Total expenditures.....	162,264,414	4,133,218	166,397,632

LAND-GRANT COLLEGES AND UNIVERSITIES

7

Table 2.—STAFF—Members of administrative and instructional staff in institutions attended by white students, year ended June 30, 1931

Land-grant institution located in—	General administration	Resident instruction				Exten- sion instruc- tion, total full-time staff	Research total full-time staff	Grand total					
		College, pro- fessional, and graduate		Total on full time				Entire staff		Number on full- time			
		Men	Women	Men	Women			Men	Women	Men	Women		
1	2	3	4	5	6	7	8	9	10	11	12	13	
											14	15	
Alabama	25	5	136	7	124	18	90	51	44	2	205	72	
Alaska	4	3	15	4	10	3					15	6	
Arizona	19	5	125	42	84	33	22	9	18		173	56	
Arkansas	16	3	122	20	92	16	90	69	1		208	109	
California	59	5	1,371	359	1,289	366	114	38			2,125	622	
Colorado	11	11	95	28	116	25	50	17	19	1	273	71	
Connecticut	22	14			65	11	39	24	9	6	107	36	
Delaware	8	4	60	22	47	19	6	7	14		84	31	
Florida	24	12	171		183	19	61	46	67	1	365	104	
Georgia	13	4	68	20	69	22	159	105	11	3	279	154	
Hawaii	14	6	100	22	49	14	9	6	41	9	108	34	
Idaho	15	3	109	30	58	17	41	10	14	2	152	52	
Illinois	41	17	975	161	610	123	19	15	84	9	1,173	205	
Indiana	20	4	303	26	273	26	132	23	93	4	550	57	
Iowa	19	5	367	105	243	84	169	45	50	3	508	137	
Kansas	18	10	237	86	166	68	119	49	12	2	387	139	
Kentucky	6	2	203	30	210	44	128	43	45	8	500	111	
Louisiana	19	5	135	37	130	36	88	51	52	1	296	95	
Maine	19	11	139	29	123	24	29	23	16	10	206	81	
Maryland	20	11	427	34	107	31	2		15	1	581	86	
Massachusetts:													
Amherst	9	2	98	8	93	8	47	38	47	13	201	60	
Cambridge	17	1	458	3	437	6			96	2	565	8	
Michigan	16	9	237	53	176	42	126	32	41	7	404	92	
Minnesota	48	19	620	144	503	128	106	26	47	5	1,378	359	
Mississippi	16	1	103		68		111	82	20	3	272	86	
Missouri	43	33	308	51	225	55	99	27	21	1	474	114	
Montana	9	4	70	21	64	19	37	16	26	2	165	44	
Nebraska	21	9	309	126	266	108	69	24	14		172	349	
Nevada	11	5	62	13	49	10	13	6	16	1	105	28	
New Hampshire	14	1	133	23	107	18	32	20	21		204	46	
New Jersey	26	5	224	66	164	63	48	30	55	10	435	147	
New Mexico	9	4	40	8	25	7	29	14	8	1	85	27	
New York	43	19	716	53	464	45	144	57	34	2	827	90	
North Carolina	24	3	146		130		130	70	21	0	336	76	
North Dakota	16	6	102	26	59	17	48	15	31	3	190	56	
Ohio	27	9	507	100	514	76	136	34	62	3	889	163	
Oklahoma	19	7	197	63	196	65	109	72	13	3	368	161	
Oregon	28	8	224	64	220	67	61	12	37	1	366	91	
Pennsylvania	36	23	440	39	503	77	156	56	36	1	752	160	
Puerto Rico	17	12	78	27	84	45					103	67	
Rhode Island	11	4	88	11	82	8	8	5	14	1	62	19	
South Carolina	18	6	106	1	98	6	91	0	32	2	280	14	
South Dakota	22	4	74	21	42	22	50	19	1	2	144	41	
Tennessee	31	29	353	52	190	65	119	63	34	2	543	164	
Texas	24	9	199		206		249	164	97	6	564	179	
Utah	10	2	69	21	39	19	24	10	14	1	127	36	
Vermont	14	14	158	31	104	33	23	24	9	2	230	82	
Virginia	25	3	130	6	90	8			9	0	310	71	
Washington	29	28	178	55	135	43	43	17	23	2	291	109	
West Virginia	28	9	190	38	190	38	24	20	12	1	358	83	
Wisconsin	62	11	519	116	218	104	141	87	9	5	775	211	
Wyoming	18	6	80	32	74	47	31	15	11		151	79	
Total	1,144	449	12,418	2,334	9,778	2,237	3,068	1,636	1,521	144	20,860	5,392	
												16,472	
												4,407	

Table 3.—DISTRIBUTION OF SALARIES of full-time faculty members in institutions attended by white students, year ended June 30, 1931

Salaries paid for academic year ended June 30, 1931	Instructors—Number on basis of—		Assistant professors—Number on basis of—		Associate professors—Number on basis of—		Professors—Number on basis of—		Deans—Number on basis of—	
	9 months	11 months	9 months	11 months	9 months	11 months	9 months	11 months	9 months	11 months
	1	2	3	4	5	6	7	8	9	10
\$10,000 and more								5	5	1
\$9,750 to \$9,999								2	1	
\$9,500 to \$9,749										
\$9,250 to \$9,499										
\$8,000 to \$8,249								6	2	1
\$8,750 to \$8,999								2	2	
\$8,500 to \$8,749										5
\$8,250 to \$8,499										
\$8,000 to \$8,219		1						11	6	
\$7,750 to \$7,999										9
\$7,500 to \$7,749						2		27	17	2
\$7,250 to \$7,499								1	1	1
\$7,000 to \$7,249								40	25	3
\$6,750 to \$6,999								1	1	2
\$6,500 to \$6,749					1	1	1	58	23	25
\$6,250 to \$6,499								8	2	1
\$6,000 to \$6,249			1				4	115	59	37
\$5,750 to \$5,999					1	1		10	3	1
\$5,500 to \$5,749			4	1	3		5	93	59	22
\$5,250 to \$5,499						4		45	18	4
\$5,000 to \$5,249				6	2	16	10	220	117	*17
\$4,750 to \$4,999					2	6	8	78	81	2
\$4,500 to \$4,749		2	14		11	13	22	*200	193	6
\$4,250 to \$4,499		3	2		9	15	17	93	*82	5
\$4,000 to \$4,249	1	2	44	24	66	80	278	232	9	25
\$3,750 to \$3,999	4	2	30	20	94	59	146	141	1	3
\$3,500 to \$3,749	8	7	125	73	148	137	104	161	2	4
\$3,250 to \$3,499	10	12	125	108	*147	*87	74	42	2	2
\$3,000 to \$3,249		60	356	222	189	156	73	59	1	3
\$2,750 to \$2,999	49	45	*198	*116	72	92	20	15	1	
\$2,500 to \$2,749	214	127	392	208	82	43	16	7	1	1
\$2,250 to \$2,499	276	146	192	84	24	22	2	2	2	1
\$2,000 to \$2,249	*751	*261	151	60	13	7	6	5	1	7
\$1,750 to \$1,999	545	160	18	39				2	1	
\$1,500 to \$1,749	206	82	5	1	1	1		1		1
Up to \$1,499	109	72	9	5	2	1	1	1		10
Number of cases (total 11,190)	2,305	982	1,672	987	899	759	1,826	1,364	73	323
Per cent of cases	20.6	8.8	14.9	8.8	8.0	6.8	16.3	12.2	0.7	2.9
Q ₃	\$2,274	\$2,530	\$3,202	\$3,261	\$3,743	\$3,847	\$5,215	\$4,996	\$5,484	\$6,682
Median*	2,066	2,168	2,837	2,957	3,862	3,414	4,513	4,293	5,036	5,457
Q ₁	1,829	1,893	2,527	2,569	3,041	3,038	3,871	3,832	4,174	4,494

* Median—that point above and below which one-half of the number of cases fall.

Q₃—third or upper quartile point.Q₁—first or lower quartile point.

Table 4.—STUDENT ENROLLMENT—In institutions attended by white students, year ended June 30, 1931

Land-grant institution located in—	Resident students in regular college work						Nonresident students in courses for college credit ¹	Grand total		
	Undergradu- ate		Graduate		Total, includ- ing special students ¹					
	Men	Wom- en	Men	Wom- en	Men	Wom- en		Men	Wom- en	
1	2	3	4	5	6	7	8	9	10	11
Alabama	1,629	193	65	23	1,705	221	277	832	2,706	1,396
Alaska	72	28			90	41			90	41
Arizona	1,173	736	60	67	1,324	840	218	572	1,712	1,626
Arkansas	1,225	582	27	18	1,252	600	539	1,052	1,861	2,148
California	8,341	8,081	1,446	1,203	9,857	9,378	11,301	11,000	22,623	24,249
Colorado	1,034	441	21	16	1,083	496	45		1,536	872
Connecticut	411	169	4		420	175			420	175
Delaware	477	289	3		480	289	11	95	531	682
Florida	2,196	4	112	7	2,372	16	1,000	4,394	3,925	5,273
Georgia	953	244	41	11	995	255	26	28	1,308	1,396
Hawaii	554	444	50	50	601	491	118	278	812	985
Idaho	1,254	637	67	22	1,328	662	172	223	1,550	912
Illinois	9,076	3,121	949	299	10,022	3,445	46	95	10,784	4,253
Indiana	3,716	634	249	42	4,016	741	142	38	4,371	872
Iowa	3,039	1,143	382	134	3,488	1,278	75	67	3,954	1,848
Kansas	2,054	946	152	94	2,232	1,064	411	472	2,865	1,980
Kentucky	2,166	1,052	192	146	2,379	1,272	314	1,194	3,513	3,404
Louisiana	1,638	641	63	33	1,633	689	195	367	2,009	1,350
Maine	1,154	397	80	21	1,220	431	34	89	1,367	640
Maryland	2,298	443	144	34	2,500	500	151	67	2,784	1,004
Massachusetts:										
Amherst	502	163	56	9	561	172			626	261
Cambridge	2,576	38	525	14	3,156	53			3,700	130
Michigan	2,142	996	184	55	2,335	1,097	4	56	2,581	1,336
Minnesota	7,548	4,762	1,104	450	8,652	5,212	4,631	5,391	13,646	11,784
Mississippi	1,431	10	45	4	1,523	14			1,523	14
Missouri	3,215	1,279	298	188	3,517	1,496	700	1,726	5,321	4,141
Montana	783	359	47	15	830	374			830	374
Nebraska	3,835	2,484	317	218	4,200	2,753	717	1,829	4,942	5,110
Nevada	605	397	33	47	658	447			671	552
New Hampshire	1,080	448	37	18	1,140	506			1,216	573
New Jersey	1,628	1,145	103	14	1,746	1,159	2,435	2,559	4,571	4,419
New Mexico	342	141	1		350	151	1	25	409	206
New York	8,911	1,196	799	221	4,708	1,439			5,718	2,343
North Carolina	1,788	93	83		1,913	93	1,893		2,852	349
North Dakota	1,061	417	23	17	1,086	440	471	230	1,610	821
Ohio	7,649	2,969	1,085	466	8,836	3,580			10,225	4,901
Oklahoma	2,377	1,193	182	65	2,634	1,365	346	495	3,209	2,604
Oregon	2,408	1,113	95	42	2,532	1,162	67	80	2,847	1,666
Pennsylvania	3,827	646	230	38	4,014	771	2,204	5,928	7,489	8,668
Puerto Rico	863	806	1	9	867	820			1,148	1,438
Rhode Island	489	140	2		502	144			502	144
South Carolina	1,344	—	5		1,349				1,349	
South Dakota	817	344	29	8	817	344			846	397
Tennessee	2,440	1,064	50	50	2,567	1,174	486	456	3,752	2,742
Texas	2,438	—	68		2,534		50		2,982	86
Utah	835	502	55	13	931	523	219	190	1,352	845
Vermont	708	439	18	8	732	455			800	1,228
Virginia	1,441	72	93	7	1,538	79			1,847	128
Washington	2,205	1,219	108	54	2,328	1,279	489	768	3,003	2,259
West Virginia	1,808	948	280	186	2,128	1,222	63	85	2,257	1,376
Wisconsin	5,668	3,260	913	390	6,339	3,662	6,698	4,863	14,426	10,929
Wyoming	705	484	25	22	775	559	562	500	1,544	1,884
Total	114,707	49,342	10,977	4,906	126,794	55,429	36,161	45,903	180,515	128,877

¹ Excluding duplicates.² Estimated.

Table 5.—ENROLLMENT BY MAJOR COURSES OF STUDY—

Land-grant institution located in—	Engineering courses											Agriculture	Forestry				
	Agricultural		Architectural		Chemical		Civil		Electrical		Mechanical		Mining	Other	Unclassified students	Total	
	1	2	3	4	5	6	7	8	9	10	11	12				13	14
Alabama		32	150	94	315	210			56		854	3	250				
Alaska				22				30			51	1	3				
Arizona				59	77	62	45			21	264	0	77				
Arkansas			10	30	30	22				206	206	2	97				
California				247	303	292	136			240	1,218	0	422	78			
Colorado					26	47	25			239	337	0	249	123			
Connecticut							68				68	0	117				
Delaware			38	35	64	4					185	0	25				
Florida			32	39	70	31			6	128	306	0	215				
Georgia				43	18						61	0	220	63			
Hawaii					67				13		80	0	56				
Idaho	6		29	53	99	51	33				271	0	161	102			
Illinois		185	198	361	450	377	22	244			1,835	2	573				
Indiana			393	550	781	1,115					2,836	3	341	59			
Iowa	66	112	284	252	422	303			57	200	1,691	5	626	125			
Kansas	65	159	75	220	322	180			8		936	2	434				
Kentucky				53		114	12	14	430		617	6	188				
Louisiana	3		103	45	167	56			126	10	510		247	40			
Maine			135	139	141	158				18	591	0	102	113			
Maryland				37	30	22				231	319	1	164				
Massachusetts:													183				
Amherst																	
Cambridge		67	245	201	422	328	87	404	56	1,880	10						
Michigan	2		86	112	96	118			243		656	1	423	53			
Minnesota	16	243		250	440	225	177	297	186	1,799	35	313	227				
Mississippi				51	83	45			5	342	526	0	512				
Missouri	10		137	243	203	156	116	93	66	1,024	0	295					
Montana			73	49	197	106			20		443	2	159				
Nebraska	23	55	53	119	139	131			1	258	775	4	362				
Nevada					42	85	40	56			223	0	39				
New Hampshire		58		77	93	80				72	380	0	64	40			
New Jersey					54	46	26			30	84	240	0	138			
New Mexico			20	42	53	46				48	208	1	60				
New York			(1)	(1)	1,046						1,043	3	831				
North Carolina	55	152	83	222	159	7	242				920	0	226	64			
North Dakota	15	14	53	20	41					163	306	0	216				
Ohio		195	247	356	325	382	29	402	33	2,060	8	606					
Oklahoma	15	90	88	175	285	230			71		940	5	469				
Oregon			126	88	145	123	37	84	242		840	5	364	182			
Pennsylvania	3	96	138	187	393	269	49				1,127	0	424	131			
Puerto Rico			16	39	5	27			66	8	158	5	140				
Rhode Island			29	58	36	57				104	284	0	22				
South Carolina				51	79	31			170	340	671	0	431				
South Dakota				17	41	8					201	296	1	169			
Tennessee	1		61	79	156	80			160		544	2	224				
Texas	25	128	189	261	433	302			194		1,532	0	546				
Utah					187		(1)				137	0	304				
Vermont					137						137	0	34				
Virginia	47	48	137	103	278	149	22	76			859	1	132				
Washington	12	63		70	195	132	121	44	9	631	15	283	(1)				
West Virginia			86	70	113	57	25	17			867	1	150				
Wisconsin			5	171	278	339	302	38			1,123	5	329				
Wyoming				41	57	83	30			20	181	0	99				
Total	294	1,445	3,603	5,903	8,315	7,853	1,072	3,050	4,397	35,602	129	13,123	1,400				
Per cent	0.2	0.8	2.1	3.5	4.0	4.6	0.6	1.8	2.4	20.6	0.1	7.7	0.8				

¹ Includes landscape architecture.² Included in mechanical engineering.³ Included in civil engineering.

LAND-GRANT COLLEGES AND UNIVERSITIES

11

In institutions attended by white students, year ended June 30, 1931

Veterinary	Home economics	Arts and sciences	Architecture	Commerce and business	General education	Vocational education	Fine arts	Music	Journalism	Law	Dentistry	Medicine	Pharmacy	Miscellaneous and special	Total excluding duplicates		
															Men	Women	
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
43	80	140	100	167	253											1,705	221
	3	6		26	10											90	41
	53	730		258	383											102	1,238
	127	768		88	269											53	773
	292	9,472	160	1,215	2,825		409	192		379	175	202	286	467		1,225	582
																8,411	8,115
112	294	219						77								141	1,062
	111	284														11	490
	58	890														416	175
	544	54	518	298												437	289
46	166	235	16	323			16		67	204						47	69
	6	288		103	400	65										15	149
	87	474	12	347	314			34								551	441
	309	3,845	258	2,205	934	113		159	116	272	147	582	703	250		1,261	640
	446	462				25										9,073	3,146
	238	994	387	179			77									103	699
																18	1,144
121	464	317	82	271				70	158							232	2,060
	125	1,339	378	447	98											95	970
	79	703		200	172			74	68	86						2,187	1,126
	106	610			29											47	656
	80	637			120	24										49	410
																131	2,356
	52	366	30	34												3	506
	259	183	338													2,631	163
47	457	925	310					88								248	2,151
	543	5,279	534	1,919												1,042	
		238	53	12	102											47	478
	88	1,777		219	421			45	77	317	135					165	8,219
	125	195	28	158				51								43	374
	265	1,472		866	1,254			338	260	202	148	120	332	97	237	3,883	2,585
	43	658				39										23	625
	78	837	34	152	6											1,103	488
	104	1,810			79											352	65
	43	122	41		1				15							349	1,145
162	595	2,012	181													3,909	1,218
	63	346	139	165												44	93
	188	820	48		188											100	423
																118	1,061
158	349	2,264	2,244	2,049												7,750	3,114
	332	759	784	454												2,452	1,300
	442		965		549											2,457	1,120
	182	810	63	514	477	124	371		24							270	8,784
	99	249		164	571											866	811
	97	137		89												15	500
		87	48					44								68	1,349
	139	244		195					4	44						51	788
	263	969	305	175												141	838
26		275	128				120									56	2,683
		114	292		220	270										49	876
		78	746													93	610
		28	138		272		83									714	626
74		230	1,280		322		152	134								4	72
		160	1,442		115			64		166						98	2,220
		825	5,012		292	215	209	147	141	324						1,848	1,036
		60	321		163	243		3		76						141	750
																116	50,680
		1,037	9,359	53,228	1,480	15,253	15,410	1,893	1,380	1,453	1,163	3,029	1,484	4,102	3,057	7,062	110,50,680
		0.6	5.5	31.1	0.9	9.0	9.0	1.1	0.8	0.8	0.7	1.8	0.9	2.5	1.8	4.1	170,834

* Included in agriculture.

† Excludes 2,377 men and 1,097 women duplicates; base 100 per cent is 170,834.

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 6.—DEGREES, Part I—Baccalaureate and advanced degrees conferred by institutions attended by white students, year ended June 30, 1931

Land-grant institution located in		Agriculture		Arts and sciences		Commerce and business		Architecture		Education, general		Music		Journalism	
		Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1	1	3	3	4	4	6	6	7	8	9	10	11	11	12	12
Alabama	41					6	22	22	3	8	10				
Arizona	11	1	1			6	48	32	18			25	5	70	8
Arkansas	21	21	3	45	46	14				18	20	32	1	26	2
California	78	3	29	6	67	918	232	61	21	3	173	21	38	49	6
Colorado	27	3	15	15	36	19	6	1				307	7	109	17
Connecticut	23	3	15	14	43	6	2								35
Delaware	3	1	10	10	31	36	23	9							1
Florida	32	4	11	7	42	28	7	5	3	1	43	1	42	2	3
Georgia	81	2	32	11	19	38	232	55	23	5	27	9	3	19	21
Hawaii	4	1	2	20	11	19	46	13			12	22	57	6	7
Idaho	23	1	13	6	45	390	292	152	56	22	1	291	31	47	8
Illinois	63	3	10	10	69	40	36	23	5			234	58	3	31
Indiana	63	10	22	11	19	38	232	29	27	9	3		1	6	6
Iowa	81	2													1
Kansas	64	20													23
Kentucky	22	4													20
Louisiana	37														5
Maine	20	1	3	10	19	19	59	53	63	16	21	3	41	2	3
Maryland	29	1	19	9	19	19	64	16	16				4	6	6
Massachusetts	32	8													5
Amherst															5
Cambridge															1
Michigan	68	1	13	5	16	8	71	45	21	10	18	2	67	2	10
Minnesota	35	1	35	20	38	83	58	31	3		140	30	93	388	57
Mississippi	39	2									37	7	19	12	41

LAND-GRANT COLLEGES AND UNIVERSITIES

! Includes 7 men.

Includes 21 wed.

• Includes 6 men

Ned.

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 6.—DEGREES, Part II—Baccalaureate and advanced degrees conferred by institutions attended by white students, year ended June 30, 1931

Land-grant institution located in	Engineering (men)										Total degrees									
	First degrees					Advanced					First degrees					Advanced				
	Agriculture		Chemical		Mining	Electrical		Mechanical		Miscellaneous	Men		Women		Men		Women		Men	
Alabama	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Alaska																				
Arizona																				
Arkansas																				
California																				
Colorado																				
Connecticut																				
Delaware																				
Florida																				
Georgia																				
Hawaii																				
Idaho																				
Illinois																				
Indiana																				
Iowa																				
Kansas	9	2	11	32	49	19	2	10	8	7	46	1	143	9	1	2	3	78	72	19
Kentucky																				
Louisiana																				
Maine																				
Maryland																				
Massachusetts																				
Amherst																				
Cambridge	11	45	46	70	69	13	104	145	6	14	11	19	1	2	179	84	4	88	30	9
Michigan																				
Minnesota																				
Mississippi																				

LAND-GRANT COLLEGES AND UNIVERSITIES

15

	1	16	55	51	19	19	12	13	31	7	21	1	646	420	226	16	18	4
Missouri	1	5	5	25	16	4	2	1	25	6	20	3	96	58	3	2	1	3
Montana	4	7	19	21	20	22	5	8	1	87	1	109	25	137	7	7	1	6
Nebraska	11	8	22	16	8	8	8	1	25	14	7	20	2	631	378	137	6	1
Nevada	1	1	1	1	6	6	6	2	2	80	4	14	1	184	94	184	1	1
New Hampshire	1	16	6	6	6	6	8	2	2	80	4	14	1	419	376	63	6	2
New Jersey	1	1	1	1	1	6	7	1	1	2	2	2	1	28	12	12	2	2
New Mexico	1	1	1	1	1	1	1	1	1	1	1	1	1	755	378	193	90	1
New York	10	20	19	26	11	3	24	6	6	10	6	14	2	246	7	27	4	4
North Carolina	3	6	4	4	15	15	15	15	15	34	6	3	1	130	86	3	3	3
North Dakota	1	30	19	39	40	24	6	76	56	3	73	5	64	34	6	26	116	102
Ohio	1	6	4	16	17	18	15	10	15	17	12	3	1	17	11	11	1	1
Oklahoma	1	10	10	22	40	27	6	12	3	10	9	11	1	1	11	11	11	1
Oregon	1	22	13	20	68	31	6	6	6	11	11	1	4	6	6	6	6	6
Pennsylvania	1	12	6	9	21	1	1	1	1	1	1	1	1	1	1	1	1	1
Puerto Rico	3	11	6	6	6	6	6	6	6	11	11	1	4	6	6	6	6	6
Rhode Island	1	17	24	5	5	5	5	5	5	14	14	14	1	1	1	1	1	1
South Carolina	9	11	11	18	10	10	1	1	1	56	3	20	21	2	4	6	7	2
South Dakota	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tennessee	4	17	25	42	42	36	6	6	6	30	1	1	1	6	6	6	6	6
Texas	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Utah	1	6	6	8	8	1	1	1	1	30	1	1	1	6	6	6	6	6
Vermont	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Virginia	7	10	16	26	34	11	7	10	10	10	3	1	1	6	62	19	19	6
Washington	1	1	1	13	24	10	5	6	2	40	1	1	1	3	136	102	15	6
West Virginia	1	17	9	21	4	2	6	4	4	40	1	1	1	8	8	8	8	8
Wisconsin	15	54	54	43	6	6	20	16	89	89	6	2	2	6	2	2	3	2
Wyoming	6	8	3	1	1	1	1	1	1	8	8	2	2	2	2	2	2	2
Total	35	219	398	1,072	1,501	940	130	438	440	141	724	16	983	73	384	2	886	79
Per cent	0.1	0.8	1.4	3.9	6.6	3.4	0.6	1.6	0.6	2.0	7.0	3.0	8.0	1.0	3.0	2.0	4.0	2.0

¹ Includes 1 woman.² Includes 6 women.

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 7.—ENROLLMENTS AND DEGREES IN MAJOR CURRICULA—by percentages

Departments, divisions of major courses of study	Per cent of enrollment of resident students year ended—						Per cent of first degrees conferred					
	1926	1927	1928	1929	1930	1930-31	1926	1927	1928	1929	1930	1930-31
	2	3	4	5	6	7	8	9	10	11	12	13
Agriculture general	8.0	7.4	7.4	7.9	7.8	7.7	13,123	10,0	8.5	7.6	7.8	7.4
Forestry	.8	.7	.7	.7	.6	.6	1,400	1,7	.6	.6	.6	.6
Veterinary medicine	.3	.3	.4	.6	.6	.6	1,037	.5	.4	.4	.5	.6
Home economics	5.3	5.2	6.3	6.2	5.5	5.5	9,359	6.9	6.2	6.1	6.0	5.9
Arts and sciences	34.0	34.6	34.9	34.2	33.1	31.1	63,228	29.4	32.4	30.1	32.3	30.4
Architecture	.7	.8	1.0	1.0	1.1	1.0	1,480	.4	.5	.5	.5	.5
Commerce and business	9.0	8.4	7.9	8.2	8.6	9.0	15,353	7.4	7.4	7.2	6.8	7.0
Education general	7.2	8.8	10.1	10.1	8.6	9.0	15,410	8.8	10.5	12.3	12.5	12.3
Education vocational	.9	1.3	.7	.8	1.3	1.1	1,893	1.4	1.6	1.1	1.0	1.4
Engineering: (total)	20.5	19.9	20.1	19.9	20.5	20.9	35,731	19.0	18.6	18.5	17.8	17.2
Agricultural	.1	.2	.2	.2	.2	.2	204	.1	.2	.2	.1	.1
Architectural	.8	.7	.9	.7	.8	.8	1,445	.4	.5	.6	.6	.8
Chemical	1.4	1.4	1.4	1.6	1.8	2.1	3,503	1.5	1.3	1.4	1.4	1.4
Civil	4.0	3.8	4.0	3.6	3.9	3.6	6,903	4.4	4.5	4.3	3.8	4.0
Electrical	6.1	6.8	6.6	4.9	4.0	4.9	8,395	5.6	5.6	6.0	6.1	5.2
Mechanical	2.8	3.4	2.7	4.4	4.3	4.6	7,553	4.4	4.8	3.9	3.5	4.7
Mining	1.7	2.6	2.6	2.6	2.6	2.6	1,072	.8	.8	.6	.6	.5
Unclassified	1.9	1.4	1.8	1.5	1.8	1.8	2,097	0	1.7	1.6	1.7	1.6
All other							2,059	1.8	1.7	1.6	1.7	1.6
Fine arts	.4	.5	.5	.6	.6	.8	1,380	.1	.2	.1	.1	.1
Music	.6	.6	.6	.5	.7	.8	1,453	.4	.4	.4	.5	.5
Journalism	.8	.8	.6	.7	.7	.7	1,163	.7	1.0	.9	.9	1.2
Law	2.3	2.1	2.1	2.0	1.9	1.8	3,029	3.0	3.7	2.9	3.1	2.8
Dentistry	1.2	1.1	1.1	1.0	1.0	1.0	1,484	1.7	2.4	2.3	2.3	2.7
Medicine	2.1	2.3	2.6	2.4	2.4	2.6	4,192	4.1	3.0	4.2	3.1	4.2
Pharmacy	1.9	1.9	1.9	2.1	2.0	1.8	3,067	2.0	1.5	2.1	2.6	2.7
Miscellaneous	4.0	3.3	2.2	2.2	3.0	4.1	7,062	2.5	1.1	3.1	3.2	2.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	170,834	100.0	100.0	100.0	100.0	100.0
												27.529

LAND-GRANT COLLEGES AND UNIVERSITIES

17

Table 8.—SUMMER SCHOOLS—and MILITARY EDUCATION—year ended June 30, 1931

Land-grant institution located in—	Summer schools, 1930						Military education, 1930-31				
	Number of instructional staff		Undergraduate college students		Total students		Students enrolled 1930-31	Commissions in O. R. C. received by students	Expenditures of Federal Government		
	Men	Women	Men	Women	Men	Women			Pay and allowances of Regular Army personnel on duty with the unit	Maintenance cost	Total
1	2	3	4	5	6	7	8	9	10	11	12
Alabama	80	15	517	306	759	386	1,145	85	\$64,472	\$52,607	\$117,079
Alaska							42	0			
Arizona	26	7	137	177	170	214	494	31	37,916	30,812	68,728
Arkansas	57	12	229	695	320	771	583	27	21,529	20,230	41,759
California	167	32	1,657	3,513	2,524	5,325	3,123	169	118,042	75,048	193,090
Colorado	57	14	208	260	409	379	690	23	43,827	30,512	74,339
Connecticut	17	14	40	298	560	885	269	18	10,528	4,821	15,349
Delaware							281	15	20,209	11,664	31,773
Florida	68	19	456	819	592	888	1,208	45	77,393	60,519	147,911
Georgia	72	42	223	1,090	359	1,217	719	64	52,732	37,457	90,189
Hawaii	24	5	89	276	133	351	344	21	12,548	6,379	18,927
Idaho	23	3	49	108	134	150	628	37	19,202	19,176	38,378
Illinois	154	22	909	732	1,548	1,015	3,318	167	168,917	148,105	317,022
Indiana	72	10	567	127	691	147	2,045	95	73,934	33,768	107,702
Iowa	101	60	512	473	894	763	1,600	74	76,008	34,756	110,764
Kansas	90	37	114	339	222	444	925	50	48,337	32,088	80,625
Kentucky	95	15	513	704	820	938	1,224	61	40,281	18,663	58,444
Louisiana	59	4	121	241	186	296	667	42	26,073	19,606	45,679
Maine	28	12	116	158	153	198	617	12	21,959	16,691	37,650
Maryland	49	16	146	442	257	488	530	22	18,909	16,032	34,941
Massachusetts:											
Amherst	12	1	39	78	65	89	314	9	33,099	17,183	50,282
Cambridge	182	3	1,553	103	1,553	103	1,472	111	64,113	39,718	103,831
Michigan	82	13	267	316	416	336	1,263	72	61,358	30,190	91,518
Minnesota	357	87	1,812	2,846	2,727	3,288	2,935	135	70,013	61,610	131,623
Mississippi							817	56	37,235	6,605	43,740
Missouri	143	31	445	1,020	1,070	1,484	1,632	58	92,590	45,716	138,306
Montana							423	7	15,737	10,131	25,918
Nebraska	115	52	581	1,517	933	1,859	1,863	42	48,604	42,802	91,400
Nevada	8	4	17	114	18	131	202	4	12,821	2,830	15,651
New Hampshire	89	8	114	153	190	220	627	39	24,657	10,386	35,037
New Jersey	90	25	425	788	563	872	621	34	24,233	19,668	43,901
New Mexico	18	6	58	93	58	93	230	16	13,092	5,039	18,131
New York	168	54	978	866	1,451	1,078	2,129	110	110,268	50,080	160,348
North Carolina	43	3	97	194	129	256	891	49	28,085	30,698	59,333
North Dakota	33	12	71	160	95	219	719	28	18,930	13,064	31,984
Ohio	167	33	1,128	1,382	2,406	1,991	3,900	143	147,348	85,395	232,743
Oklahoma	132	59	404	830	571	940	1,267	22	26,032	48,791	75,723
Oregon	48	26	142	251	500	824	1,196	66	71,857	49,063	120,930
Pennsylvania	165	56	947	1,824	1,271	1,669	1,888	43	49,305	57,724	107,029
Puerto Rico	34	25	277	604	279	611	193	5	17,837	3,611	21,528
Rhode Island							312	20	12,614	10,449	23,063
South Carolina	13	5	57	—	57	—	984	137	31,112	44,903	76,020
South Dakota	26	5	81	102	120	129	550	31	15,573	16,642	32,215
Tennessee	73	30	477	901	669	1,112	600	58	27,577	15,786	43,303
Texas	87	—	714	86	848	86	1,726	186	116,180	91,567	207,747
Utah	49	12	297	206	297	206	475	13	16,862	14,577	31,439
Vermont	39	18	87	731	131	834	463	34	26,964	11,004	37,908
Virginia	40	0	238	45	314	50	1,296	142	49,893	45,759	95,652
Washington	34	14	89	189	243	342	1,339	35	32,006	11,575	43,581
West Virginia	133	23	455	493	608	620	739	40	32,933	12,500	45,493
Wisconsin	204	57	576	1,392	1,395	2,460	1,135	46	31,563	17,190	48,753
Wyoming	43	35	148	759	207	825	392	16	13,243	9,903	23,206
Total	3,816	1,036	19,207	26,806	30,035	38,881	55,053	2,863	2,329,260	1,600,131	3,928,391

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 9.—ENDOWMENT, STUDENT LOANS, and DEBT SERVICE—Year ended June 30, 1931

LAND-GRANT COLLEGES AND UNIVERSITIES

19

Missouri	406,859	122,000	802,870	607,718	1,913,740	46,787	1,960,547	184,808	23,481	320,000	25,000	295,000
Montana	603,650	212,510	802,870	5,000	826,576	-5,416	821,160	8,726	117	8,526	3,140	8,465
Nebraska	665,539	288,838	87,118	1,033,072	1,041,495	8,473	1,041,495	64,726	7,883	14,671	4,640	19,476
Nebraska	123,071	88,216	154,150	334,816	621	335,437	142,150	24,524	80,000	200,000	7,000	8,444
New Hampshire	80,000	1,258,239	1,332,177	6,062	1,338,239	142,150	142,150	24,524	80,000	200,000	7,000	80,000
New Jersey	116,000	4,027,808	4,098,869	44,939	4,143,808	31,972	3,768	23,960	19,746	14,260	20,445	
New Mexico	131,169	24,020,462	24,020,873	898,156	2,630	1,131,169	2,539	-1,292	1,578	60,000	60,000	
New York	688,576	125,000	1,562,114	-266,406	1,305,709	125,000	21,661	21,661	1,578	60,635	15,000	545,626
North Carolina	1,305,709	227,361	402,119	1,150,299	3,357	1,153,656	64,233	1,423	44,900	19,367	88,773	
North Dakota	624,176	2,932,900	10,525	2,932,900	3,000	2,932,900	221,088	16,000	63,234	15,500	402,900	
Ohio	204,663	17,000	388,490	218,088	517,000	517,000	68,207	2,026	418,000	602,750	1,199,000	
Oklahoma	800,000	1,339	435,376	435,376	64,474	389,849	1,326	7,279	666,760	1,235,000	32,667	60,000
Puerto Rico	40,000	85,539	80,000	80,000	50,000	50,000	169,439	169,439	169,439	169,439		
Rhode Island	95,900	172,363	716,053	-26,596	689,454	462,748	302,276	11,704	204,304	68,136	45,405	227,035
South Carolina	617,091	209,000	432,748	209,000	209,000	1,213	36	6,160	111,790	108,567	9,392	
South Dakota	400,000	82,748	209,000	209,000	209,000	1,021	5,727	4,605	431,318	412,318	174,000	7,669
Tennessee	209,000	1,714,419	300,903	1,063	302,666	9,140	1,021	5,727	165,000	667,920	16,500	686,330
Texas	302,666	1,846,310	1,846,310	3,100	1,846,310	138,703	11,322	11,322	344,312	37,500	23,873	18,597
Vermont	135,000	314,312	314,312	3,058,973	3,058,973	3,058,973	3,058,973	3,058,973	3,058,973	3,000	3,000	3,000
Virginia	1,196,726	1,897,636	106,300	106,300	106,300	106,300	106,300	106,300	106,300	106,300	106,300	
Washington	106,300	223,097	804,908	1,022,096	319,564	1,341,640	90,969	22,133	16,065	17,682	8,371	24,276
West Virginia	303,896	2,065,341	2,316,684	2,316,684	2,316,684	2,316,684	2,316,684	2,316,684	2,316,684	2,316,684	2,316,684	
Wisconsin	326,222	2,114,110	69,970,521	120,450,335	4,070,816	124,521,151	2,520,628	380,083	5,137,490	3,625,702	2,230,930	6,632,271
Wyoming	21,676,171	10,760,349	1,7	8,6	90,7	72,3	100,0	3,3				
Total												
Per cent												

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 10.—RECAPITULATION OF RECEIPTS AND EXPENDITURES (Percentages) IN INSTITUTIONS ATTENDED BY WHITE STUDENTS, YEAR ENDED JUNE 30, 1931

Land-grant institutions located in—	Total receipts						Total expenditures						
	Receipts for educational purposes			Auxiliary enterprises			Education and general			Auxiliary enterprises and expenses			
	Federal funds	State and county funds	Private gifts	Student fees	Income from endowments	Sales, services, and miscellaneous	Total	Current expenses	Physical plant extensions	Current expenses	Physical plant extensions	Total	
1	2	3	4	5	6	7	8	9	10	11	12	14	
Alabama	24.8	57.1	0.4	8.6	2.4	6.7	\$1,747,365	78.8	12.4	8.8	8.8	\$1,954,833	
Alaska	56.1	19.1	3.1	1.1	.8	19.8	1,07,046	91.4	2.0	6.0	1.6	130,050	
Arizona	17.3	55.7	.7	9.8	1.1	16.4	4,620,346	86.2	5.6	13.3	4.1	519,381	
Arkansas	24.4	63.7	.5	9.1	2.3	—	1,559,228	90.6	7.9	1.5	—	1,527,966	
California	25.6	65.8	4.8	10.7	3.0	8.8	14.4	14,504,873	70.6	18.9	9.6	14,585,783	
Colorado	22.2	53.3	8.6	8.6	11.7	4.2	1,181,644	88.3	3.4	13.3	1.191,239		
Connecticut	18.4	41.6	5.9	12.1	22.0	1,084,294	77.3	7.1	14.8	—	.8	1,086,479	
Delaware	20.7	20.6	1.4	15.7	3.2	16.5	675,647	78.2	6.8	16.0	—	677,402	
Florida	8.6	60.7	.8	0.4	2.0	15.4	3,912,414	65.8	14.4	15.0	4.8	2,740,494	
Georgia	30.3	49.9	2.6	6.6	5.8	4.8	1,250,748	88.1	11.0	11.0	—	1,208,987	
Hawaii	17.4	50.7	5.3	13.9	.1	4.0	8.6	707,023	80.8	11.3	9.5	.01	688,793
Idaho	23.8	55.5	3.8	13.8	7.2	9.7	1,422,743	80.2	4.3	9.5	—	1,467,287	
Illinois	8.0	73.7	1.9	9.0	.1	4.1	6.2	9,985,014	73.0	20.9	6.1	—	9,510,283
Indiana	8.3	48.2	7.9	9.5	.02	9.8	16.3	4,891,808	68.7	13.4	3.4	—	5,002,234
Iowa	10.4	62.5	1.3	11.6	.04	2.6	4,095,824	92.5	2.2	5.3	—	4,122,091	
Kansas	12.7	58.1	.05	8.9	.7	10.6	2,875,879	86.5	4.6	0.8	—	2,915,699	
Kentucky	16.1	61.5	.5	9.1	1	7.2	5.5	2,690,506	74.3	20.5	5.1	—	2,815,859
Louisiana	18.8	41.6	.7	5.7	.05	17.9	16.0	1,809,506	68.3	13.6	16.9	—	1,435,342
Maine	15.7	48.9	16.3	2.2	4.0	12.9	1.528,972	70.2	14.3	13.1	2.4	1,486,105	
Maryland	8.0	42.1	.1	23.0	.2	18.6	8.0	3,180,118	67.6	23.6	8.8	—	3,163,192
Massachusetts:													
Amherst	9.5	64.2	3.4	8.7	14.0	2,055,380	69.4	16.7	14.9	—	14.9	1,780,205	
Cambridge	.6	3.9	33.2	33.9	20.8	3,822,963	64.3	—	14.5	—	21.2	4,639,900	
Michigan	11.7	67.9	.02	.2	4.7	16.4	3,756,206	69.4	13.8	17.0	—	3,848,206	
Minnesota	5.5	43.4	2.9	11.5	.8	10.2	25.7	10,475,332	63.4	6.5	27.6	—	10,284,687
Missouri	22.7	42.2	.1	3.2	16.8	1,655,400	75.6	4.3	3.5	—	.3	1,701,345	

M1 and m2

LAND-GRANT COLLEGES AND UNIVERSITIES

	13.3	60.0	1.7	12.9	1.0	4.5	5.7	3,511,392	4.0	4.2	1.1
Mississippi	29.0	62.6	2	4.4	.02	7.9	6.7	3,611,392	93.6	1.2	5.2
Montana	8.4	59.7	2	12.1	.01	7.4	11.2	4,940,794	75.9	8.9	16.2
Nebraska	17.6	26.5	30.0	3.2	.9	3.1	9.7	4,354,248	47.4	39.7	11.8
Nevada	13.0	42.3	.4	14.3	2.2	10.1	17.7	1,847,851	10.8	21.6	1.1
New Hampshire	40.5	40.0	8.9	22.0	6.3	4.1	12.9	4,193,441	88.3	5.6	12.4
New Jersey	5.1	36.8	.8	2.4	18.5	14.2	11.7	887,736	77.3	17.3	12.4
New Mexico	23.2	39.4	4.1	12.6	5.8	.2	9.7	9,352,401	73.6	14.1	3
New York	29.8	54.9	.3	5.8	.2	.2	21.8	1,836,800	80.7	12.0	9
North Carolina	4.4	61.2	.0	9.1	.2	1.8	22.4	8,058,932	82.0	15.1	2.4
North Dakota	23.0	49.8	.1	3.0	.04	9.5	14.6	2,368,948	71.2	4.1	1.6
Ohio	9.0	60.2	.4	11.0	.04	8.2	10.3	2,567,493	84.3	4.3	10.8
Oklahoma	11.5	38.4	14.7	17.2	.04	4.4	13.8	6,355,231	65.7	13.9	7.4
Oregon	6.4	78.3	.7	8.2	1.4	.6	6.1	700,662	86.6	7.5	4.0
Pennsylvania	29.2	37.6	.0	1.9	.2	2.6	28.7	602,584	79.5	4.8	20.5
Puerto Rico	23.5	49.4	.3	3.2	.2	7.1	18.1	1,455,646	78.4	4.8	16.8
Rhode Island	30.6	47.9	.6	8.0	.4	9.7	2.3	1,033,279	98.2	2	1.6
South Carolina	13.6	56.2	.3	13.8	.04	4.9	11.2	3,192,506	65.3	19.5	8.6
South Dakota	13.0	43.3	.4	1.3	.04	6.9	36.1	4,833,510	60.7	8.9	20.3
Tennessee	28.5	46.2	.1	7.8	.04	4.5	12.9	806,251	82.1	4.3	13.6
Texas	16.0	16.6	17.5	26.4	2.1	8.0	18.4	1,406,458	61.5	20.0	18.3
Utah	21.8	43.1	.5	6.0	.0	.6	28.1	1,844,832	72.5	12.9	14.6
Vermont	16.9	42.6	.3	7.1	.0	3.6	29.5	2,450,096	66.2	8.6	22.7
Virginia	12.8	66.7	.5	11.0	.0	2.6	6.4	2,633,615	85.2	7.2	7.6
Washington	3.9	53.8	2.2	13.3	.2	14.0	12.8	9,689,099	70.2	12.8	16.3
West Virginia	35.1	38.4	.6	6.5	.2	6.6	13.2	1,227,572	77.2	5.1	17.7
Wisconsin	10.7	50.8	2.9	11.5	2.2	7.8	14.1	161,366,432	72.5	11.8	14.2
Wyoming	16.1	49.4	.8	6.1	.2	6.8	12.9	75.7	8.9	13.3	.9
Total per cent											162,264,414
Median per cent											

Table 11.—NEGRO LAND-GRANT COLLEGES—Staff Members; Enrollment by Courses; Graduates, Year ended June 30, 1931

Negro land-grant institutions located in—	Entire staff			Secondary school students			Collegiate students			Total		
	Men	Women	Academics	Agriculture	Home economics	Trades	Students	Graduates	Students	Graduates	Students	Graduates
1	2	3	4	5	6	7	8	9	10	11	12	13
Alabama	16	14	128	13	51	42	128	20	88	9	47	8
Arkansas	23	20	67	34	74	69	224	27	17	3	12	2
Delaware	8	12	83	12	42	4	141	16	83	3	33	5
Florida	40	35	198	198	12	4	202	280	7	102	42	30
Georgia	21	5	5	7	86	122	203	56	11	65	28	13
Kentucky	14	9	106	6	31	16	120	32	200	33	17	8
Louisiana	28	19	28	3	85	49	165	14	98	8	55	18
Maryland	10	3	3	9	35	21	68	21	37	5	17	5
Mississippi	30	13	131	33	67	2	42	277	119	37	2	52
Missouri	23	11	133	33	38	133	38	194	25	33	21	16
North Carolina	26	4	12	12	52	62	74	12	277	200	16	41
Oklahoma	35	24	71	27	52	55	205	41	175	179	24	35
South Carolina	43	24	160	160	146	61	316	61	160	16	56	30
Tennessee	27	25	191	30	130	33	191	30	491	62	45	67
Texas	77	43	43	30	130	33	524	359	45	116	14	25
Virginia	37	39	222	9	2	32	263	84	224	23	166	67
West Virginia	50	26	39	4	2	67	112	28	549	63	11	1
Total	508	326	1,387	351	831	6	777	2,852	522	1,081	2,981	332
Percentages												

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 12.—NEGRO LAND-GRANT COLLEGES—Recapitulation of receipts and expenditures—Percentages, year ended June 30, 1931

Negro land-grant institutions located in—	Receipts							Expenditures					
	For educational purposes from—						Auxiliary enterprises	Total	For education and general	For auxiliary enterprises and expense	Total		
	Federal funds	State funds	Private gifts	Student fees	Sales, services, and miscellaneous								
1	2	3	4	5	6	7	8	9	10	11	12	13	
Alabama	15.3	30.0	38.9	3.1	—	12.7	\$135,129	36.3	—	11.5	52.2	\$155,367	
Arkansas	13.1	57.9	.9	6.8	0.9	20.4	120,135	73.4	0.3	26.3	—	100,679	
Delaware	13.7	46.9	1.0	1.2	.1	37.1	77,675	52.5	2.4	45.1	—	78,146	
Florida	8.3	55.3	.1	2.8	4.2	29.3	321,497	41.0	35.8	23.2	—	283,655	
Georgia	19.5	53.6	1.1	1.8	6.4	17.6	114,568	72.8	11.1	16.1	—	100,456	
Kentucky	9.0	56.4	8.1	11.4	—	18.1	127,546	64.5	10.7	24.8	—	129,812	
Louisiana	11.1	41.3	9.3	6.8	10.4	21.1	210,306	62.3	19.0	18.7	—	215,946	
Maryland	23.1	58.1	—	11.0	7.8	—	—	43,265	97.5	2.5	—	41,787	
Mississippi	26.2	41.9	—	1.9	.02	30.0	163,725	76.3	2.9	20.8	—	168,962	
Missouri	1.0	76.8	11.7	1.9	—	8.6	444,843	39.4	51.6	9.0	—	440,889	
North Carolina	8.5	57.6	4.9	11.6	2.0	15.4	220,685	40.4	48.5	11.1	—	269,175	
Oklahoma	3.3	58.2	.2	14.9	.8	22.6	226,818	62.1	—	31.2	6.7	139,133	
South Carolina	22.2	62.2	1.0	10.5	1.8	2.8	166,275	74.8	20.8	4.4	—	223,361	
Tennessee	5.3	47.9	.2	6.6	5.7	84.3	298,120	55.8	3.4	28.4	12.4	241,174	
Texas	8.6	39.8	—	6.3	16.4	33.9	531,663	52.9	18.3	27.6	1.2	607,140	
Virginia	9.5	28.2	11.2	8.7	8.1	39.8	406,382	38.4	32.8	28.8	—	514,830	
West Virginia	2.9	72.0	—	7.4	—	17.7	409,800	78.3	21.7	—	—	414,707	
Total per cent	8.4	52.4	4.8	6.6	4.3	23.5	4,017,932	54.9	23.2	18.8	3.1	4,133,218	
Median per cent	9.5	55.3	4.9	6.8	3.1	20.8	100.0	62.1	18.3	23.2	9.6	100.0	

NEGRO LAND-GRANT COLLEGES

Alabama—STATE AGRICULTURAL AND MECHANICAL INSTITUTE FOR NEGROES, Normal—J. F. Drake.

Arkansas—ARKANSAS AGRICULTURAL, MECHANICAL, AND NORMAL COLLEGE, Pine Bluff—John B. Watson.

Delaware—STATE COLLEGE FOR COLORED STUDENTS, Dover—R. S. Grossley.

Florida—FLORIDA AGRICULTURAL AND MECHANICAL COLLEGE, Tallahassee—J. R. E. Lee.

Georgia—GEORGIA STATE INDUSTRIAL COLLEGE, Savannah—B. F. Hubert.

Kentucky—KENTUCKY STATE INDUSTRIAL COLLEGE, Frankfort—R. B. Atwood.

Louisiana—SOUTHERN UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, Scotlandville—J. S. Clark.

Maryland—PRINCESS ANNE ACADEMY, Princess Anne—T. H. Kiah.

Mississippi—ALCORN AGRICULTURAL AND MECHANICAL COLLEGE, Alcorn—L. J. Rowan.

Missouri—LINCOLN UNIVERSITY, Jefferson City—Nathan B. Young.

North Carolina—THE NEGRO AGRICULTURAL AND TECHNICAL COLLEGE, Greensboro—F. D. Bluford.

Oklahoma—COLORED AGRICULTURAL AND NORMAL UNIVERSITY, Langston—Z. T. Hubert.

South Carolina—STATE AGRICULTURAL AND MECHANICAL COLLEGE, Orangeburg—R. S. Wilkinson.

Tennessee—AGRICULTURAL AND INDUSTRIAL STATE COLLEGE, Nashville—W. J. Hale.

Texas—PRAIRIE VIEW STATE NORMAL AND INDUSTRIAL COLLEGE, Prairie View—W. R. Banks.

Virginia—VIRGINIA STATE COLLEGE FOR NEGROES, Ettricks—John M. Gandy.

West Virginia—WEST VIRGINIA STATE COLLEGE, Institute—John W. Davis.